

Europäisches I European Pate.

Office européen des brevets

(11)



EP 0 943 772 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: 24.09.2003 Bulletin 2003/39 (51) Int Cl.7: E05D 15/06

(43) Date of publication A2: 22.09.1999 Bulletin 1999/38

(21) Application number: 99500036.1

(22) Date of filing: 05.03.1999

(84) Designated Contracting States: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE **Designated Extension States:** AL LT LV MK RO SI

(30) Priority: 06.03.1998 ES 9800481

(71) Applicant: KLEIN IBERICA, S.A. E-08024 Barcelona (ES)

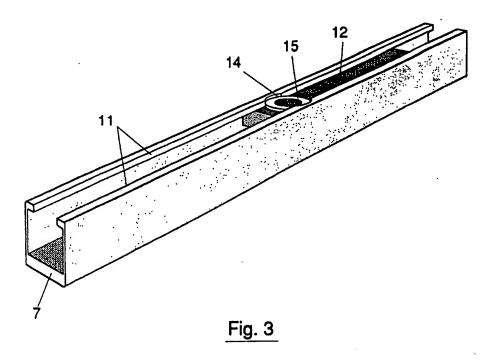
(72) Inventor: Tarrega Lloret, Miguel Angel 08017 Barcelona (ES)

(74) Representative: Davila Baz, Angel c/o Clarke, Modet & Co., Goya, 11 28001 Madrid (ES)

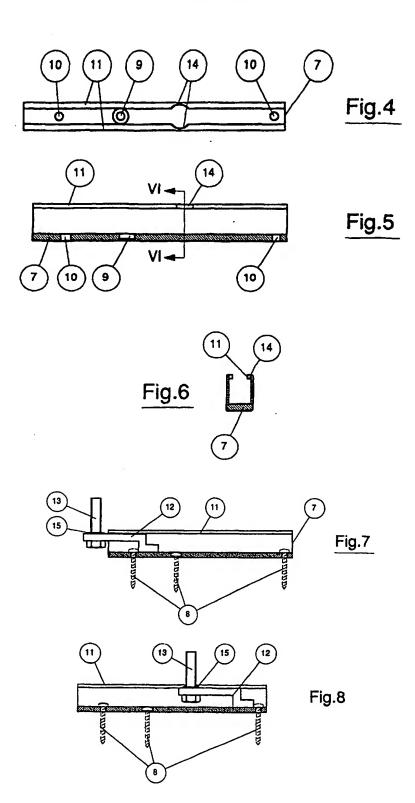
(54)Structure for mounting sliding doors

Structure for mounting sliding doors, consisting of an upper rail (1) along which may move carriages (2) from which hang the doors (4) by intermediate support elements consisting of a U-bar (7) embedded in the door (4) from its upper edge, and of a Z-shaped part (12)

which may slide inside this U-bar. The U-bar (7), from its longitudinal edge of the flaps (11) which partially close it, has arched opposing notches (14) which are sized to receive a ring (15) through which passes the screw (13) anchoring it to the upper carriage (2).



EP 0 943 772 A3





EUROPEAN SEARCH REPORT

Application Number EP 99 50 0036

Category	Citation of document with in of relevant passa	ndication, where appropriate, ges	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.6)
Α	EP 0 753 637 A (KLE 15 January 1997 (19 * column 4, line 2 claim 1; figures 13	97-01-15) - column 6, line 10;	1	E05D15/06
A	EP 0 818 598 A (HAW 14 January 1998 (19 * column 1, line 34 figures 1-7 *	/A AG) 198-01-14) 5 - column 4, line 10;	1	
A	CH 379 954 A (WALZ 15 July 1964 (1964- * page 1-2; figures	07-15)	1	40
A	CH 430 486 A (HAWA 15 February 1967 (1 * column 1-4; figur	967-02-15)	1	
				TECHNICAL FIELDS
				SEARCHED (Int.CI.6)
	The present search report has b	een drawn up for all claims		
Place of search MUNICH		Date of completion of the search	1	Examiner
X : parti Y : parti doou	ATEGORY OF CITED DOCUMENTS outarly relevant if taken alone outarly relevant if combined with anothment of the same category notogood background	E : earlier paten after the filling er D : document cit L : document cit	ciple underlying the ir t document, but publis	hed on, or

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 99 50 0036

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

01-08-2003

	Patent docume cited in search re		Publication date		Patent family member(s)	Publication date
EP	0753637	A	15-01-1997	ES AT DE DE DK EP ES GR PT SI	2135990 A1 191534 T 69516131 D1 69516131 T2 753637 T3 0753637 A1 2164498 A1 3033910 T3 753637 T 753637 T1	01-11-1999 15-04-2000 11-05-2000 21-12-2000 14-08-2000 15-01-1997 16-02-2002 30-11-2000 29-09-2000 31-08-2000
EP	0818598	A	14-01-1998	AT DE EP ES	187524 T 59700817 D1 0818598 A1 2139430 T3	15-12-1999 13-01-2000 14-01-1998 01-02-2000
СН	379954	A	15-07-1964	NONE		
СН	430486	A	15-02-1967	NONE		

o b For more details about this annex : see Official Journal of the European Patent Office, No. 12/82